

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	878	multi\$1layer (membrane or diaphragm or separator)	US-PGPUB; USPAT	ADJ	ON	2006/08/24 14:25
L2	7716811	@pd<"20040129"	US-PGPUB; USPAT	ADJ	ON	2006/08/24 14:25
L3	618	1 and 2	US-PGPUB; USPAT	ADJ	ON	2006/08/24 14:25
L4	43192	(PTFE or polytetrafluoroethylene) and (polypropylene or PP)	US-PGPUB; USPAT	ADJ	ON	2006/08/24 14:26
L5	69	3 and 4	US-PGPUB; USPAT	ADJ	ON	2006/08/24 14:26
L6	142179	permeable or micro\$1porous	US-PGPUB; USPAT	ADJ	ON	2006/08/24 14:26
L7	56	5 and 6	US-PGPUB; USPAT	ADJ	ON	2006/08/24 15:36
L8	1707	(diffusion near4 layer) same (polypropylene or PP or polyamide or chlorin\$4 polyvinyl chloride or chlorinated PVC or polyoxymethylene or polytetrafluoroethylene or PTFE or synthetic rubber)	US-PGPUB; USPAT	ADJ	ON	2006/08/24 15:42
L9	205	(flow near4 layer) same (polytetrafluoroethylene or PTFE)	US-PGPUB; USPAT	ADJ	ON	2006/08/24 15:40
L10	38	8 and 9	US-PGPUB; USPAT	ADJ	ON	2006/08/24 15:40
L11	13	2 and 10	US-PGPUB; USPAT	ADJ	ON	2006/08/24 15:42
L12	918	204/296.ccls.	US-PGPUB; USPAT	ADJ	ON	2006/08/24 15:42
L13	861	2 and 12	US-PGPUB; USPAT	ADJ	ON	2006/08/24 15:51
L14	328	((plurality or multiple or multi) near4 layer) same ((polypropylene or PP or polyamide or chlorin\$4 polyvinyl chloride or chlorinated PVC or polyoxymethylene or synthetic rubber) and (polytetrafluoroethylene or PTFE))	US-PGPUB; USPAT	ADJ	ON	2006/08/24 15:45
L15	3	13 and 14	US-PGPUB; USPAT	ADJ	ON	2006/08/24 15:45
L16	8739	(multi\$layer or multiple layer\$1 or plurality near3 layers) same (membrane or separator or diaphragm)	US-PGPUB; USPAT	ADJ	ON	2006/08/24 15:53
L17	80	13 and 16	US-PGPUB; USPAT	ADJ	ON	2006/08/24 16:09

## EAST Search History

L18	408	flow control and diffusion (control or resistance or rate)	US-PGPUB; USPAT	ADJ	ON	2006/08/24 16:10
L19	1758	1 or 12	US-PGPUB; USPAT	ADJ	ON	2006/08/24 16:10
L20	0	18 and 19	US-PGPUB; USPAT	ADJ	ON	2006/08/24 16:11
L21	16	(polytetrafluoroethylene or PTFE) coated near5 (polypropylene or PP or polyamide or polyoxymethylene or polyvinyl chloride or synthetic rubber)	US-PGPUB; USPAT	ADJ	ON	2006/08/24 16:15
L22	8	(polypropylene or PP or polyamide or polyoxymethylene or polyvinyl chloride or synthetic rubber) coated near5 (polytetrafluoroethylene or PTFE)	US-PGPUB; USPAT	ADJ	ON	2006/08/24 16:16